

09/787614

Page 1 of 2

INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 010347	Serial No. New Appln.
Applicant(s): Kiyofumi TAKEUCHI et al.		
	Filing Date: March 20, 2001	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
<i>h</i>	AA 4,133,647	Coates et al.	09/12/78			
<i>h</i>	AB 4,391,731	Boller et al.	07/05/83			
<i>h</i>	AC 5,084,204	Reiffenrath et al.	01/28/92			
<i>h</i>	AD 5,252,253	Gray et al.	10/12/93			
<i>h</i>	AE 5,374,374	Weber et al.	12/20/94			
<i>h</i>	AF 5,523,127	Ohnishi et al.	06/04/96			
<i>h</i>	AG 5,942,648	Coates et al.	08/24/99			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
<i>h</i>	AH 4-504571	08/13/92	Japan	No. See PCT search report
<i>h</i>	AI 2 238 309A	05/29/91	GB	See PCT search report.
<i>h</i>	AJ WO 90/08119	07/26/90	PCT	Yes. See PCT search report.
<i>h</i>	AK 1-160924	06/23/89	Japan	No. See PCT search report.
<i>h</i>	AL DE 38 37 208	05/24/89	Germany	No. See PCT search report.
<i>h</i>	AM 53-22882	03/02/78	Japan	No. See PCT search report.
<i>h</i>	AN DE 27 36 525	03/02/78	Germany	No. See PCT search report.

OTHER DOCUMENTS

<i>h</i>	AO	V. VILL et al.; J. Mater Chem. Vol. 7, pp.893-899, 1997. See PCT search report.
<i>h</i>	AP	A.I. PAVLUCHENKO et al.; Mol. Cryst. Liq. Cryst., Vol. 209, pp.225-235, 1991. See PCT search rpt.

Examiner

Date Considered

11/5/03

INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 010347	Serial No. 09/787614 New Appn.
	Applicant(s): Kiyofumi TAKEUCHI et al.	
	Filing Date: March 20, 2001	Group Art Unit:

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
	BA	2 361 455	03/10/78	France	No. See PCT search report.
	BB	61-282345	12/12/86	Japan	No. See PCT search report.
	BC	0 205 340	12/17/86	EPO	Yes. See PCT search report.
	BD	61-134364	06/21/86	Japan	No. See PCT search report.
	BE	57-54130	03/31/82	Japan	No. See PCT search report.
	BF	0 047 817	03/24/82	EPO	No. See PCT search report.
	BG	2 082 179	03/03/82	UK	See PCT search report.
	BH	59-141527	08/14/84	Japan	No. See PCT search report.
	BI	2-271 771	04/27/94	UK	See PCT search report.
	BJ	11-302207	11/02/99	Japan	No. See PCT search report.
	BK	0 952 135	10/27/99	EPO	Yes. See PCT search report.
	BL	4-283291	10/08/92	Japan	No. See PCT search report.
	BM	40 32 579	04/16/92	Germany	No. See PCT search report.
	BN	0 481 293	10/03/91	EPO	No. See PCT search report.
	BO	5-341273	12/24/93	Japan	No. See PCT search report.
	BP	0 575 791	12/29/93	EPO	Yes. See PCT search report.
	BQ	WO 94/03558	02/17/94	PCT	Abstract. See PCT search report.
	BR	0 656 412	06/07/95	EPO	Yes. See PCT search report.
	BS	9-59623	03/04/97	Japan	No. See PCT search report.

OTHER DOCUMENTS

	BT	Marco CEREGHETTI et al.; Helvetica Chimica Acta - Vol. 65, Fasc.4, pp. 1318-1331, 1982. See PCT search report.
	BU	T. A. LOBKYO et al.; Liquid Crystals, Vol. 15, No. 3, pp. 361-376, 1993. See PCT search report.
Examiner	<i>[Signature]</i>	Date Considered 11/5/03